

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10041	((428/690,917) or (313/504,506) or (257/E51.041,E51.043,E51.044)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/09/22 15:28
L2	3828	(428/212).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/09/22 15:28
L3	1678	super adj lattice	US-PGPUB; USPAT	OR	ON	2009/09/22 15:28
L4	8	1 and 3	US-PGPUB; USPAT	OR	ON	2009/09/22 15:28
L5	535	2 and (electrolumines\$5 or lumines\$5 or (light with (emit\$5 or emiss\$5)))	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29
L6	3964	(band adj gap) same alternat\$	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29
L7	3	5 and 6	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29
L8	1137	(band adj gap) same (alternate or alternated or alternating)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29
L9	3	2 and 8	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29
L10	24	1 and 8	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29
L11	43166	(lumines\$5 or (light with (emit\$5 or emiss\$5))) same (stack\$3 or multi or multilayer \$3)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29

L12	1986	(chelate\$5 or complex\$5 or coordinat\$5 or organometal\$5 or ligand) same 11	US-PGPUB; USPAT	OR	ON	2009/09/22 15:29
L13	417	1 and 12	US-PGPUB; USPAT	OR	ON	2009/09/22 15:30
L14	17943	(chelate\$5 or complex\$5 or coordinat\$5 or organometal\$5 or ligand) same ((rare adj earth) or lanthanide or lanthanoid)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:30
L15	103	13 and 14	US-PGPUB; USPAT	OR	ON	2009/09/22 15:30
L16	50	5 and 14	US-PGPUB; USPAT	OR	ON	2009/09/22 15:30
L17	49	16 not 15	US-PGPUB; USPAT	OR	ON	2009/09/22 15:31
L18	13	3 and 14	US-PGPUB; USPAT	OR	ON	2009/09/22 15:31
L19	31	8 and 14	US-PGPUB; USPAT	OR	ON	2009/09/22 15:31
L20	31	19 not (15 or 16 or 18)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:31
L21	19722	quantum adj well	US-PGPUB; USPAT	OR	ON	2009/09/22 15:31
L22	133	14 and 21	US-PGPUB; USPAT	OR	ON	2009/09/22 15:32
L23	118	22 not (15 or 16 or 18 or 19)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:32
L24	175	12 and 21	US-PGPUB; USPAT	OR	ON	2009/09/22 15:32
L25	173	24 not (15 or 16 or 18 or 19 or 22)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:32

L26	13	5 and 21	US-PGPUB; USPAT	OR	ON	2009/09/22 15:33
L27	95	1 and 21	US-PGPUB; USPAT	OR	ON	2009/09/22 15:33
L28	75	27 not (15 or 16 or 18 or 19 or 22 or 24 or 26)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:33
L29	306	13 not (15 or 16 or 18 or 19 or 22 or 24 or 26 or 27)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:34
L30	6078	1 and (chelate\$ or complex\$ or coordinate\$ or organometal\$ or ligand)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:34
L31	1696	30 and (eu or europium or tb or terbium or dy or dysprosium or gd or gadolinium)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:34
L32	1523	31 not (13 or 16 or 18 or 19 or 22 or 24 or 26 or 27)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:35
L33	325	32 and (band adj gap)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:35
L34	401	32 and (homo or (highest adj occupied))	US-PGPUB; USPAT	OR	ON	2009/09/22 15:36
L35	3	32 and lomo	US-PGPUB; USPAT	OR	ON	2009/09/22 15:36
L36	2	32 and (lowest adj occupied)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:40
L37	334	32 and lumo	US-PGPUB; USPAT	OR	ON	2009/09/22 15:41
L38	367	32 and (lumo or (lowest adj unoccupied))	US-PGPUB; USPAT	OR	ON	2009/09/22 15:41
L39	345	34 and 38	US-PGPUB; USPAT	OR	ON	2009/09/22 15:41

L40	0	39 and (eu same (tmhd or dbm) same opnp)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:42
L41	0	39 and (gd same dbm same phen)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:42
L42	0	(34 or 38) and (eu same (tmhd or dbm) same opnp)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:42
L43	1	(34 or 38) and (gd same dbm same phen)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:43
L44	1	gd same dbm same phen	US-PGPUB; USPAT	OR	ON	2009/09/22 15:43
L45	1	eu same (tmhd or dbm) same opnp	US-PGPUB; USPAT	OR	ON	2009/09/22 15:44
L46	55	phen with phenanthrene	US-PGPUB; USPAT	OR	ON	2009/09/22 15:46
L47	719	phen with phenanthroline	US-PGPUB; USPAT	OR	ON	2009/09/22 15:46
L48	12	phen near5 phenanthrene	US-PGPUB; USPAT	OR	ON	2009/09/22 15:46
L49	537	phen near5 phenanthroline	US-PGPUB; USPAT	OR	ON	2009/09/22 15:47
L50	17	31 and 49	US-PGPUB; USPAT	OR	ON	2009/09/22 15:47
L51	5	46 and (gd or gadolinium)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:49
L52	45	47 and (gd or gadolinium)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:50

9/ 22/ 2009 3:51:12 PM

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